INDEX TO VOLUME 9

ABDOMEN, acute, *April*, 249
desmoid tumor of, *Oct.*, 1248
Abdominal and vaginal operations combined, *Oct.*, 1100
sinuses due to actinomycosis, *Feb.*, 72
sulphur bodies in, *Feb.*, 72
postoperative, *Feb.*, 69
tumors, *Oct.*, 1245
Aberrant breast tissue, multiple carcinomata in, *April*, 333
thyroid tissue, *Dec.*, 1355
Abscess, amebic, of liver, *April*, 385
cortical, of kidney, *Aug.*, 801
inguinal, complicating anal fissure, *Feb.*, 239
multiple, of frontal lobe of brain, *Aug.*, 979
of lung, bronchial fistula following, *June*, 545
chronic, external operation for, *Oct.*, 1241
phrenicectomy and cautery lobectomy in, *April*, 461
subphrenic, followed by lipiodol injections, progress of, *April*, 467
Acetylene anesthesia at Mayo Clinic, *Aug.*, 949
Actinomycosis, abdominal sinuses due to, *Feb.*, 72
sulphur bodies in, *Feb.*, 72
Acute abdomen, *April*, 249
Adamantinoma of lower jaw, surgical diathermy in, *Feb.*, 80
Adenitis, mesenteric, acute, simulating appendicitis, *Oct.*, 1195
Adenocarcinoma of breast, Paget's disease of nipple with, *Aug.*, 951
of kidney, review of 225 cases, *Feb.*, 151
of left submaxillary gland, *Feb.*, 104
Adenofibroma of colon, *Aug.*, 897
Adenoma of colon, *Aug.*, 894
Adenomatous polyps of colon, *Feb.*, 108
Adenomyoma of colon, *Aug.*, 900
Adrenal gland, neurocytoma of, *Oct.*, 1265
Albee's bone-graft operation in ununited fracture of femur, *June*, 619
Alcohol injection for sciatica, extensor paralysis of foot following, *Oct.*, 1057
Alkali treatment of peptic ulcer, effect of, upon kidneys, *Dec.*, 1419
Amebic abscess of liver, *April*, 385
Ammonia in urine, urea and, relation between, *Feb.*, 60
Amytal preceding spinal anesthesia, *Aug.*, 943
Anal fissure, *Feb.*, 231
abscesses complicating, *Feb.*, 239
Ball's theory, *Feb.*, 232
divulsion of sphincters for, *Feb.*, 239
etiology, *Feb.*, 232
Pennington's theory, *Feb.*, 234
polyps and, differentiation, *Feb.*, 238
radical operation, *Feb.*, 240
sentinel tag in, *Feb.*, 232
subcutaneous sphincterotomy for, *Feb.*, 240
symptoms and clinical course, *Feb.*, 233
treatment, *Feb.*, 239
polyps, fissure and, differentiation, *Feb.*, 238
retractor, *Feb.*, 245
sphincters, divulsion of, for fissure, *Feb.*, 239
Anastomosis, carotid-jugular end-to-end, for decompression of aortic aneurysm, *Oct.*, 1031
in advanced pulmonary tuberculosis, *Oct.*, 1043
Roux's, in jejunal ulcer, *Feb.*, 22
ureterodural, *April*, 473
Anemia, pernicious, and exophthalmic goiter, *Dec.*, 1363
Anemic ulcer of leg, pedicle graft for, *Aug.*, 933
Anesthesia at Mayo Clinic, *Feb.*, 113; *Aug.*, 941
acetylene, *Aug.*, 949
carbon dioxid, *Feb.*, 117; *Aug.*, 946
chloroform, *Feb.*, 116; *Aug.*, 945
combined, *Feb.*, 115; *Aug.*, 944
ether, *Feb.*, 116; *Aug.*, 944

Anesthesia at Mayo Clinic, ethyl chlorid, *Feb.*, 116; *Aug.*, 945
ethylene, *Feb.*, 118; *Aug.*, 949
intratracheal, *Feb.*, 118; *Aug.*, 946
local, *Feb.*, 115; *Aug.*, 942
methods and apparatus, *Feb.*, 118
nitrous oxid, *Feb.*, 117; *Aug.*, 948
oil-ether colonic, *Feb.*, 117; *Aug.*, 945
spinal, *Feb.*, 115; *Aug.*, 942
basal, *Dec.*, 1384
choice of, *Dec.*, 1387
Gwathmey rectal, technic, *June*, 506
in gynecologic operations, *Oct.*, 1104
in operation for duodenal ulcer, *Oct.*, 1145
local, for tonsillectomy, *Aug.*, 883
short needle for, *Feb.*, 120
placing of, in spinal anesthesia, *Dec.*, 1372
precautionary measure for administration of oxygen, *Feb.*, 118
regional, *Dec.*, 1387
spinal, *Oct.*, 1225; *Dec.*, 1390
anoxemia in, treatment, *Dec.*, 1374
competent watching, *Dec.*, 1375
ephedrine preliminary to, *Dec.*, 1372
epinephrine in, *Dec.*, 1376
giving of fluids, *Dec.*, 1372, 1377
placing anesthesia, *Dec.*, 1372
position during operation, *Dec.*, 1373
preliminary narcotics, *Dec.*, 1372
preparation of patient, *Dec.*, 1371
selection of risk, *Dec.*, 1371
technic, *Oct.*, 1225
treatment of respiratory depression, *Dec.*, 1374
vascular depression of, *Dec.*, 1369
co-ordinating treatment, *Dec.*, 1377
early treatment, *Dec.*, 1374
with avertin, *Dec.*, 1381
with sodium amytal, *Dec.*, 1381
Aneurysm, aortic, decompression of, by carotid-jugular end-to-end anastomosis, *Oct.*, 1031
popliteal, infected, *Oct.*, 1171
Angioma, capillary, *Feb.*, 98
cavernosum, *Feb.*, 99
of floor of mouth, dermoid cyst and, differentiation, *Feb.*, 91
simplex, *Feb.*, 98
hypertrophicum, *Feb.*, 99
Ankle, dislocation of, compound posterior, with posterior marginal fracture of tibia, fracture of internal malleolus, and of middle third of fibula, *Oct.*, 1089
Ankylosis of joints, multiple, with chronic infectious arthritis, *Feb.*, 42
Anoxemia in spinal anesthesia, treatment, *Dec.*, 1374
Aortic aneurysm, decompression of, by carotid-jugular end-to-end anastomosis, *Oct.*, 1031
Apathetic thyroidism, *Dec.*, 1303
Appendectomy, abdominal sinuses following, *Feb.*, 69, 72
intestinal obstruction following, *Feb.*, 211
routine, in gynecologic operations, *Oct.*, 1101
Appendicitis, acute, *Dec.*, 1395
mesenteric adenitis simulating, *Oct.*, 1195
chronic, *Dec.*, 1395
pseudo-, in children, *April*, 367
Appendix, ruptured, acute intestinal obstruction associated with, *April*, 487
Arterial blood supply of sigmoid, rectosigmoid, and rectum, *Aug.*, 957
Arteriovenous communication, left carotid jugular, *Dec.*, 1453
Artery, thyroid, inferior, in subtotal thyroidectomy, *Dec.*, 1336
superior, control of bleeding from, in subtotal thyroidectomy, *Dec.*, 1334
Arthritis, chronic infectious, with multiple ankylosis of joints, *Feb.*, 42
Arthroplasty, postoperative physiotherapy for, *Feb.*, 45
repeated, for multiple ankylosis of joints with chronic infectious arthritis, *Feb.*, 44
Articular processes between last lumbar and first sacral fragment, anomalies of, low back pain from, *Dec.*, 1485
Artificial pneumothorax, spontaneous progressive pneumothorax following, *Oct.*, 1055
Aspiration, pneumothorax from, *April*, 431
Asthma, bronchial, endoscopy in, *June*, 741
due to middle nasal turbinal abnormality, *Oct.*, 1288
Atrophic rhinitis, due to middle nasal turbinal abnormality, *Oct.*, 1291
Aural cholesteatoma, *June*, 771

Autonephrectomy, *Feb.*, 163
Avertin as anesthetic, *Dec.*, 1381
Avulsion of left phrenic nerve for tuberculosis of lungs, *June*, 563
of skin of penis and scrotum, *Aug.*, 993
of tibial tubercle, repair by fascial transplant, *Dec.*, 1461
Axilla, lymphangioma of, *Oct.*, 1229

BACILLUS prodigiosus and erysipelas, mixed toxins of, in treatment of bone sarcoma, *June*, 610
Back pain, low, from lumbosacral anomaly, *Dec.*, 1481
diagnosis, *Dec.*, 1486
treatment, *Dec.*, 1487
weak, *Dec.*, 1481
Baldy-Webster operation for retroversion, fibromyomatous uterus following, *Feb.*, 207
intestinal obstruction following, *Feb.*, 203
Ball's theory of anal fissure, *Feb.*, 232
Basal anesthesia, *Dec.*, 1384
Bile-ducts, anatomy, *Oct.*, 1020
common and hepatic, stones in, *Aug.*, 915
strictures of, *Aug.*, 918
obliterative stenosis of, choledochoduodenostomy for, *April*, 337
pancreatic obstruction of, choledochoduodenostomy for, *Aug.*, 920
Biliary cirrhosis, cholangitis and, differentiation, *Oct.*, 1026
drainage in cholangitis, *Oct.*, 1029
lithiasis, *June*, 671
Bimanual examination of sacro-iliac joints, clinical application, *June*, 649
Birthmarks, *Feb.*, 99
Bladder, carcinoma of, *June*, 704
left pyonephrosis with double ureter associated with, *Feb.*, 186
treatment, *June*, 715
electro- and chemo-coagulation, *June*, 724
radiation, *June*, 722
surgery, *June*, 716
diverticulum of, improvement in, following relief of obstruction, *April*, 376
malignant tumor confined to, *Aug.*, 847
papilloma of, *June*, 702
Bladder, rupture of, conservative treatment, following interposition operation for cure of marked pelvic relaxation, *April*, 380
tumors of, *June*, 701
benign, *June*, 702
hematuria in, *April*, 450
Blastoma, malignant sympathetic, *Oct.*, 1265
Blood, effect of postoperative injection of glucose and sodium chlorid on, *Aug.*, 969
pressure, effects of postoperative injections of glucose and sodium chlorid on, *Aug.*, 970
supply, arterial, of sigmoid, rectosigmoid, and rectum, *Aug.*, 957
control of, in subtotal thyroidectomy, *Dec.*, 1331
Bodies, loose, osteocartilaginous, in knee-joint, *April*, 415
Bone graft in ununited fracture of neck of femur, *Feb.*, 29
peg in ununited fracture of neck of femur, *June*, 619
to jaw, *April*, 321
tumors, Ewing's classification, *June*, 532
Bones, long, endothelioma of, treatment, *June*, 616
sarcoma of, end-results of treatment, *June*, 583
mixed toxins of erysipelas and Bacillus prodigiosus in, *June*, 610
radiation in, *June*, 612
treatment, *June*, 612
syphilis of, pathologic fracture and, differentiation, *June*, 636
Brackett operation, modified, for ununited fracture of neck of femur, *Feb.*, 33
Brain, frontal lobe, multiple abscesses of, *Aug.*, 979
operations on, gum acacia-citrated blood sequence during, *Aug.*, 841
Breast, adenocarcinoma of, Paget's disease of nipple with, *Aug.*, 951
carcinoma of, bilateral primary, *Feb.*, 129
with 25 years between occurrences, *Feb.*, 132
tissue, aberrant, multiple carcinomata in, *April*, 333
traumatic fat necrosis of, *Oct.*, 1252
tumors of, *Oct.*, 1249
Breschet, sinus sphenoparietalis of, *April*, 399

Bronchial asthma, endoscopy in, *June*, 741
fistula following pulmonary abscess, *June*, 549
Bronchopneumonia following colon operations, *Aug.*, 882
Buccal cavity, carcinoma within, *June*, 677
removal of cervical lymph-nodes in, *June*, 687, 692
Burn contracture of hand, full thickness skin grafts for, *Aug.*, 939
Bursitis, subacromial, *Oct.*, 1107
diagnosis, *Oct.*, 1114
etiology, *Oct.*, 1110
histopathology, *Oct.*, 1122
in both shoulders with symptoms in only one, *Oct.*, 1117
non-operative treatment, *Oct.*, 1122
operative technic, *Oct.*, 1120
symptoms, *Oct.*, 1110
treatment, *Oct.*, 1118
Button, Murphy, in stomach for seven years, destruction of, *June*, 765

CALCULOUS pyonephrosis, hematuria in, *April*, 451
Calculus in common duct, removal of, *June*, 655
large, in pelvis of kidney and calices, *Feb.*, 186
of duct of submaxillary salivary gland, *June*, 753
salivary, in right submaxillary gland, *Feb.*, 99
ureteral, *Feb.*, 170
Cancer. See *Carcinoma*.
Capillary angioma, *Feb.*, 98
Carbohydrate, specific dynamic action of, *Aug.*, 834
Carbon dioxid anesthesia at Mayo Clinic, *Feb.*, 117, *Aug.*, 946
Carcinoma metastasis, pathologic fracture of bone and, differentiation, *June*, 637
multiple, in aberrant breast tissue, *April*, 333
of bladder, *June*, 704
left pyonephrosis with double ureter associated with, *Feb.*, 187
treatment, *June*, 715
electro- and chemo-coagulation, *June*, 724
radiation, *June*, 722
surgery, *June*, 716
of breast, bilateral primary, *Feb.*, 129
with 25 years between occurrences, *Feb.*, 132
Carcinoma of esophagus, *Oct.*, 1231
of left colon, Mikulicz's partial multiple stage colectomy for, *June*, 733
of pancreas, *June*, 659
of prostate, *June*, 712; *Oct.*, 1217
Paget's disease of skull associated with, *June*, 713, 714
treatment, *June*, 725
of sigmoid, megacolon secondary to, *Aug.*, 863
of stomach, diagnosis, early, *Dec.*, 1411
surgical indications in, *Dec.*, 1411
with pancreatic involvement, successful resection in, *Feb.*, 1
of transverse colon, *June*, 663
primary, of lung, lobectomy for, *June*, 551
within buccal cavity, *June*, 677
removal of cervical lymph-nodes in, *June*, 687, 692
Cardiac resuscitation, *Aug.*, 823
syncope, intracardiac injection of epinephrine in, *Dec.*, 1341
Carotid-jugular arteriovenous communication, left, *Dec.*, 1453
end-to-end anastomosis, decompression of aortic aneurysm by, *Oct.*, 1031
in advanced pulmonary tuberculosis, *Oct.*, 1043
Cartilage transplant to malar bone, *April*, 331
to nose, *April*, 327
Catarrhal jaundice, cholangitis and, differentiation, *Oct.*, 1028
Cautery, gas, *June*, 682
lobectomy and phrenicectomy in abscess of lung, *April*, 461
smoke, suction removal, *Dec.*, 1459
Cavernous hemangioma in adult, radium treatment, *Feb.*, 78
Cells, Kupffer's, *Feb.*, 64
phagocytic, of mammalian liver, *Feb.*, 63
stellate, of liver, *Feb.*, 64
Central fibroma of jaw, *April*, 325
Cerebellar tumors, midline, in children, *Oct.*, 1155
diagnosis, *Oct.*, 1165
symptoms, *Oct.*, 1163
treatment, *Oct.*, 1166
Cervical fat folds simulating goiter, *Dec.*, 1351
lymph-nodes, non-caseous tuberculosis of, *Feb.*, 102
removal of, in cancer within buccal cavity, *June*, 687, 692

Chemocoagulation in carcinoma of bladder, *June*, 724
Chest wall, sarcoma of, *June*, 781
Children, midline cerebellar tumors in, *Oct.*, 1155
primary hyperthyroidism in, *Dec.*, 1327
pseudo-appendicitis in, *April*, 367
Chloroform anesthesia at Mayo Clinic, *Feb.*, 116; *Aug.*, 945
Cholangitis, *Oct.*, 1020
acute, *Oct.*, 1025
biliary cirrhosis and, differentiation, *Oct.*, 1026
catarrhal jaundice and, differentiation, *Oct.*, 1028
cholecystitis associated with, *Oct.*, 1021
chronic, *Oct.*, 1025
infectious, *Oct.*, 1023
postoperative, *Oct.*, 1025
stone in common duct and, differentiation, *Feb.*, 10
symptoms, *Oct.*, 1026
treatment, *Oct.*, 1028
T-tube drainage in, *Oct.*, 1029
Cholecystectomy, stones in common duct following, *Feb.*, 8
Cholecystitis associated with cholangitis, *Oct.*, 1021
Cholecystography, toxic effects following, *Dec.*, 1429
Choledochoduodenostomy for obliterative stenosis of common duct, *April*, 337
for pancreatic obstruction of bile-duct, *Aug.*, 920
Cholesteatoma, *June*, 769
aural, *June*, 771
intracranial, *June*, 769
Circle, vicious, of colon, from ileosigmoidostomy, *April*, 439
Circulation, effects of postoperative injection of glucose and sodium chlorid on, *Aug.*, 969
Cirrhosis, biliary, cholangitis and, differentiation, *Oct.*, 1026
stone in common duct and, differentiation, *Feb.*, 10
Clavus hystericus, *Oct.*, 1284
Colectomy, partial, by multiple stage method of Mikulicz, *June*, 733
Colic, salivary, *Feb.*, 102
Collapse therapy in pulmonary tuberculosis, *April*, 307
Colon, adenofibroma of, *Aug.*, 897
adenoma of, *Aug.*, 894
adenomyoma of, *Aug.*, 900
benign tumors of, *Aug.*, 893
cystic tumor of, *Aug.*, 908
Colon, diseases of, sigmoidoscopy *vs.* *x*-rays in diagnosis of, *June*, 673
fibroma of, *Aug.*, 897
hemangioma of, *Aug.*, 902
left, carcinoma of, Mikulicz's partial multiple stage colectomy for, *June*, 733
lipoma of, *Aug.*, 898
operations on, bronchopneumonia following, *Aug.*, 882
complications following, *Aug.*, 875
hemorrhage after, *Aug.*, 880
ileus following, *Aug.*, 878
intestinal fistula following, *Aug.*, 880
parotitis following, *Aug.*, 878
peritonitis following, *Aug.*, 875
pulmonary embolism following, *Aug.*, 881
pyelonephritis following, *Aug.*, 881
wound infection following, *Aug.*, 878
polypoidosis of, *Aug.*, 905
polyposis of, *Aug.*, 904
polyps of, *Aug.*, 894
sigmoid, polyp of, *Feb.*, 106
transverse, carcinoma of, *June*, 663
vicious circle of, from ileosigmoidostomy, *April*, 439
Colonic oil-ether anesthesia at Mayo Clinic, *Aug.*, 945
Combined anesthesia at Mayo Clinic, *Aug.*, 944
Common and hepatic bile-ducts, stones in, *Aug.*, 915
strictures of, *Aug.*, 918
duct, calculi in, removal, *June*, 655
gall-stone obstructing, *Aug.*, 917
obliterative stenosis of, choledochoduodenostomy for, *April*, 337
stone in, cholangitis and, differentiation, *Feb.*, 10
cirrhosis and, differentiation, *Feb.*, 10
following cholecystectomy, *Feb.*, 8
hepatitis and, differentiation, *Feb.*, 10
stricture and, differentiation, *Feb.*, 10
Compound fractures, immobilization of fragments in, *Oct.*, 1074
primary closure of wound in, *Oct.*, 1073
Congenital diaphragmatic hernia, *Oct.*, 1193
rectovaginal fistula, *April*, 481
tracheo-esophageal fistula, *Aug.*, 997

Conservatism in genito-urinary surgery, *April*, 375
Corrosion, esophageal, *June*, 665
Cortical abscess of kidney, *Aug.*, 801
Cranial operations, gum-acacia—citrated blood sequence during, *Aug.*, 841
Cystic tumor of colon, *Aug.*, 908
Cystitis, *April*, 293
  acute, symptoms of, *April*, 306
    treatment of, *April*, 306
  causes, *April*, 305
  chronic, symptoms of, *April*, 306
    treatment of, *April*, 306
  cystoscopic changes in, *April*, 305
  diagnosis, *April*, 306
  modes of infection, *April*, 305
  pathologic changes in, *April*, 305
  predisposing factors in, *April*, 305
  symptoms, *April*, 306
  treatment, *April*, 306
Cysts, dermoid, of floor of mouth, *Feb.*, 89
    differential diagnosis, *Feb.*, 89
  of tail of pancreas, *Aug.*, 837
  mucous, of floor of mouth, dermoid cysts and, differentiation, *Feb.*, 91
  of liver discovered during abdominal examination, *Feb.*, 199
    multilocular, *Feb.*, 196
    multiple, *Feb.*, 192
    non-parasitic, *Feb.*, 191
      review of 24 cases, *Feb.*, 192
    retention, *Feb.*, 191
    simple, *Feb.*, 195
  symptom-producing, *Feb.*, 192
  pilonidal, treatment of, *June*, 695

Decompression of aortic aneurysm by carotid-jugular end-to-end anastomosis, *Oct.*, 1031
Deflection deformity, radial, of wrist, due to non-union following osteomyelitis, *Feb.*, 41
Delirium tremens following operation for duodenal ulcer, *Oct.*, 1142
Dermoid cyst of floor of mouth, *Feb.*, 89
    differential diagnosis, *Feb.*, 89
  of tail of pancreas, *Aug.*, 837
Desmoid tumor of abdomen, *Oct.*, 1248
Diaphragm, gas beneath, in perforated duodenal ulcer, *Oct.*, 1149
Diaphragmatic hernia, *Feb.*, 142; *Oct.*, 1191
  approach to, *Oct.*, 1194
  congenital, *Oct.*, 1193
Diathermy, surgical, in adamantinoma of lower jaw, *Feb.*, 80
Dilatation, duodenal, *June*, 667
Disarticulation at shoulder for osteogenic sarcoma of left humerus, *June*, 527
Dislocation of ankle, compound posterior, with posterior marginal fracture of tibia, fracture of internal malleolus and of middle third of fibula, *Oct.*, 1089
  of elbow, compound posterior, *Oct.*, 1090
Diverticulum, Meckel's, *Feb.*, 126
  of bladder, improvement in, following relief of obstruction, *April*, 376
    malignant tumor confined to, *Aug.*, 847
  of esophagus, *Feb.*, 123; *June*, 515
    Jackson's theory, *June*, 516, 518
    pulsion type, *Feb.*, 125
    traction type, *Feb.*, 125
    two-stage operation, *June*, 520
  pharyngo-esophageal, *Feb.*, 123; *Aug.*, 793
Divulsion of anal sphincters for anal fissure, *Feb.*, 239
Drainage, biliary, in cholangitis, *Oct.*, 1029
Duodenal dilatation, *June*, 667
  tube with introducer, *June*, 683
  ulcer, acute perforated, removal of anterior half of pyloric sphincter in, *Oct.*, 1010, 1011
    chronic, *Oct.*, 1127
      acute perforation of, *Oct.*, 1146
      analysis of 137 cases, *Oct.*, 1143
      cicatrized obstructing, *Oct.*, 1136
      fibrosed, with hypertrophy of stomach, *Oct.*, 1133
      gastro-enterostomy for, jejunal obstruction following, *Oct.*, 1133
      operation for, *Oct.*, 1145
        acute parotitis after, *Oct.*, 1142
        anesthesia in, *Oct.*, 1145
        delirium tremens after, *Oct.*, 1142
        mortality in, causes, *Oct.*, 1150
      pain in, *Oct.*, 1143
      perforated, *Oct.*, 1139, 1146
        gas beneath diaphragm in, *Oct.*, 1149
      postoperative complications, *Oct.*, 1142, 1145
      rigidity in, *Oct.*, 1144

Duodenal ulcer, chronic, tenderness in, *Oct.*, 1144
with recurrent exacerbation of symptoms, *Oct.*, 1130
without digestive symptoms, *Oct.*, 1128
Finsterer operation for, *June*, 763
reactivation of, following disconnection of gastro-enterostomy, *June*, 759
treatment, *Oct.*, 1059
Dural sinuses, wounds of, diagnosis, *April*, 404
symptoms, *April*, 401
treatment, *April*, 404
Dynamic action, specific, of food, *Aug.*, 829

EAR, middle, cholesteatomata of, *June*, 771
Edema, postoperative, *Dec.*, 1489
Einhorn duodenal tube with introducer, *June*, 683
Elbow, dislocation of, compound posterior, *Oct.*, 1090
Electrocoagulation in carcinoma of bladder, *June*, 724
Embolism, pulmonary, following colon operations, *Aug.*, 881
Empyema, chronic, *Oct.*, 1243
interlobar, from knife wound, *April*, 435
of right side of thorax with pleural effusion in left side and purulent pericarditis, *Feb.*, 133
postpneumonic, *April*, 431
with multiple foci, *April*, 407
with resection, rib necrosis nine years after, *June*, 775
Endemic goiter, *Dec.*, 1310
Endoscopy in bronchial asthma, *June*, 741
Endothelioma of femur, *Feb.*, 52; *June*, 585
radiotherapy for, *Feb.*, 53, 54
of fibula, *June*, 585
of long bones, treatment, *June*, 616
Endotheliomyeloma, pathologic fracture of bone and, differentiation, *June*, 637
Ephedrine for spinal anesthesia, *Aug.*, 942
preliminary to spinal anesthesia, *Dec.*, 1372
Epigastric incisions, mattressed peritoneal sutures in, *Dec.*, 1403
Epinephrine in spinal anesthesia, *Dec.*, 1376
intracardiac injection, in cardiac syncope, *Dec.*, 1341
Epithelioma confined to diverticulum of bladder, *Aug.*, 847
of larynx, extrinsic, laryngectomy for, *Feb.*, 84
of limbus, *Aug.*, 813
of nose and upper lip, plastic reconstruction following, *Feb.*, 75
papillary, of renal pelvis, *Feb.*, 157
method of metastasis, *Aug.*, 853
primary squamous-cell, of renal pelvis, review of 23 cases, *Feb.*, 156
Erysipelas and Bacillus prodigiosus, mixed toxins of, in treatment of bone sarcoma, *June*, 610
Esophageal corrosion, *June*, 665
Esophagus, carcinoma of, *Oct.*, 1231
diverticulum of, *Feb.*, 123; *June*, 515
Jackson's theory, *June*, 516, 518
pulsion type, *Feb.*, 125
traction type, *Feb.*, 125
two-stage operation, *June*, 520
Ether anesthesia at Mayo Clinic, *Feb.*, 116; *Aug.*, 944
Ethyl chlorid anesthesia at Mayo Clinic, *Feb.*, 116; *Aug.*, 945
Ethylene anesthesia at Mayo Clinic, *Feb.*, 118; *Aug.*, 949
Ewing's classification of bone tumors, *June*, 532
tumor of fibula, *June*, 585
of humerus, *June*, 592
Examination, bimanual, of sacro-iliac joints, clinical application, *June*, 649
Exophthalmic goiter and pernicious anemia, *Dec.*, 1363
in children, *Dec.*, 1327
Extensor paralysis of foot following injection of alcohol for sciatica, *Oct.*, 1057
Extrapleural thoracoplasty in pulmonary tuberculosis, *Oct.*, 1235
Eye, limbus, epithelioma of, *Aug.*, 813

FACE, multiple tumors of, *Oct.*, 1262
Facies, ulcer, *Oct.*, 1127
Fascial sutures, living, in repair of inguinal hernia, *Dec.*, 1441
transplant in repair of avulsion of tibial tubercle, *Dec.*, 1461
Fat folds, cervical, simulating goiter, *Dec.*, 1351
necrosis, traumatic, of breast, *Oct.*, 1252
specific dynamic action of, *Aug.*, 834
Felix, phrenico-exairesis of, for pulmonary tuberculosis, *Oct.*, 1052
Femur, endothelioma of, *Feb.*, 52
radiotherapy for, *Feb.*, 53, 54

Femur, fracture of, compound comminuted, into knee-joint from direct violence, *Oct.*, 1083
plated, *Oct.*, 1085
neck, fracture of, *Feb.*, 25
bone graft in, *Feb.*, 29
open operation in, *Feb.*, 27
Whitman's reconstruction operation for, *Feb.*, 26
ununited fracture, *April*, 273
bone-graft peg in, *June*, 619
cases illustrating, *April*, 281–292
causes, *April*, 274
definition, *April*, 274
indications for operation after, *April*, 280
modified Brackett operation for, *Feb.*, 33
treatment, *April*, 277
active, *April*, 279
prophylaxis, *April*, 277
non-suppurative infectious osteomyelitis of, simulating osteogenetic sarcoma, *June*, 641
osteochondroma, *Feb.*, 47
osteomyelitis of, sequestrectomy through special incision for, *Aug.*, 929
sarcoma of, end-results of treatment, *June*, 584, 587, 591, 592, 594, 595, 596, 602
tumor of, benign, previously diagnosed as malignant, *Feb.*, 46
Fibrocartilage, triangular, of wrist, repair of rupture, *Aug.*, 931
Fibroma, central, of jaw, *April*, 325
of colon, *Aug.*, 897
of larynx, *Feb.*, 82
Fibromyoma of uterus following Webster-Baldy operation for retroversion, *Feb.*, 207
Fibula, Ewing's tumor of, *June*, 585
sarcoma of, end-results of treatment, *June*, 585, 602
Finsterer operation for duodenal ulcer, *June*, 763
Fissure, anal, *Feb.*, 231
Fistula, bronchial, following pulmonary abscess, *June*, 549
intestinal, following colon operation, *Aug.*, 880
pilonidal, treatment, *June*, 695
rectovaginal, congenital, *April*, 481
tracheo-esophageal, congenital, *Aug.*, 997
Fluids, giving of, in spinal anesthesia, *Dec.*, 1372, 1377
Food, specific dynamic action of, *Aug.*, 829
Foot, extensor paralysis of, following injection of alcohol for sciatica, *Oct.*, 1057
Foramen of Winslow, hernia through, *Oct.*, 1013
Forearm, both bones, compound fracture, *Oct.*, 1089
Foreign body in ileum causing perforation and abscess formation, *Oct.*, 1169
Fracture, compound, immobilization of fragments in, *Oct.*, 1074
primary closure of wound in, *Oct.*, 1073
metatarsal, open reduction by incision through abraded and devitalized skin, *Oct.*, 1087
of femur, compound comminuted, into knee-joint from direct violence, *Oct.*, 1083
plated, *Oct.*, 1085
of forearm, compound, both bones, *Oct.*, 1089
of hip, *Feb.*, 25
of humerus, compound comminuted, into elbow-joint, treatment five days after, *Oct.*, 1091
shaft, compound, fixed by traction, *Oct.*, 1090
of leg, compound comminuted into ankle, with gas gangrene, *Oct.*, 1082
double, plated, *Oct.*, 1077
single, fixation by traction, *Oct.*, 1081
with torn muscle-tendons, plated, *Oct.*, 1079
of neck of femur, *Feb.*, 25
open operation in, *Feb.*, 27
Whitman's reconstruction operation for, *Feb.*, 26, 35
pathologic, of humerus, *June*, 635
differential diagnosis, *June*, 636
reconstruction factors following union after, *April*, 273
ununited, of neck of femur, *April*, 273
bone-graft in, *Feb.*, 29
peg in, *June*, 619
cases illustrating, *April*, 281–292
causes, *April*, 274
definition, *April*, 274
indications for operation after, *April*, 280
modified Brackett operation for, *Feb.*, 33
treatment, *April*, 277
active, *April*, 279
prophylaxis, *April*, 277

Fragmentation of vertebral arch, low back pain from, *Dec.*, 1483
Frontal lobe of brain, multiple abscesses of, *Aug.*, 979
Fused supernumerary kidney, *Dec.*, 1471

GALL-STONE obstructing common duct, *Aug.*, 916
Ganglioma, *Oct.*, 1265
Gas bacillus infection after colon operations, *Aug.*, 879
beneath diaphragm in perforated duodenal ulcer, *Oct.*, 1149
cautery, *June*, 682
Gastrectomy, partial, for peptic ulcer, *Oct.*, 1063
complications following, *Oct.*, 1067
technic, *Oct.*, 1070
recurring peptic ulcer following, jejunostomy for, *Feb.*, 23
repeated, recurring peptic ulcer following, *Feb.*, 21
Gastric lavage following operation for peptic ulcer, *Oct.*, 1071
ulcer, bleeding, removal of anterior half of pyloric sphincter in, *Oct.*, 1012
treatment, *Oct.*, 1059
Gastro-enterostomy, disconnection of, reactivation of duodenal ulcer following, *June*, 759
for peptic ulcer, *Oct.*, 1062
jejunal obstruction following, *Oct.*, 1133
technic, *Oct.*, 1068
ulcer of lesser curvature of stomach following, *Dec.*, 1425
Gastro-intestinal hemorrhage, diagnostic difficulties in, *Feb.*, 6
massive, from benign tumor of stomach, *Feb.*, 19
Gastrojejunal ulcer adherent to spleen, *Feb.*, 23
after posterior gastro-enterostomy, *Feb.*, 21, 22
postoperative, *Oct.*, 1063
Gastrostomy for esophageal corrosion, *June*, 665
Genito-urinary surgery, conservatism in, *April*, 375
Gland, adrenal, neurocytoma of, *Oct.*, 1265
parotid, mixed tumors of, *Oct.*, 1268
submaxillary, right, salivary calculi in, *Feb.*, 99
Glucose and sodium chlorid injections after operation, effect on circulation, *Aug.*, 969
Goiter, cervical fat folds simulating, *Dec.*, 1351
endemic, *Dec.*, 1310
exophthalmic, and pernicious anemia, *Dec.*, 1363
in children, *Dec.*, 1327
substernal, diagnosis of, *Dec.*, 1309
symptoms of, *Dec.*, 1311
thoracic tumors and, differentiation, *Dec.*, 1317
Graft, bone, to jaw, *April*, 321
pedicle, for anemic ulcer of leg, *Aug.*, 933
skin, full-thickness, for burn contracture of hand, *Aug.*, 939
tube pedicle, from abdomen for leg injuries, *Aug.*, 936
Graham test, toxic effects following, *Dec.*, 1429
Granuloma, benign, of thyroid, *June*, 493
Graphite suspension test of Kupffer's cells of liver, *Feb.*, 65
Gum acacia and citrated blood sequence during intracranial operations, *Aug.*, 841
for intravenous administration, preparation of, *Aug.*, 844
Gwathmey rectal anesthesia, technic, *June*, 506
Gynecologic mortality and morbidity, factors influencing, with analysis of results in 4212 cases, *Oct.*, 1095
operations, anesthesia for, *Oct.*, 1104
causes of death, *Oct.*, 1097
complications following, technic in relation to, *Oct.*, 1105
factors influencing mortality and morbidity, *Oct.*, 1095
hemorrhage after, *Oct.*, 1102
parametritis following, *Oct.*, 1101
pelvic peritonitis after, *Oct.*, 1101
preoperative study, *Oct.*, 1104
routine appendectomy in, *Oct.*, 1101
vaginal and abdominal combined, *Oct.*, 1100
wound infection after, *Oct.*, 1101
patients, good and bad risks, *Oct.*, 1097, 1098

HAND, burn contracture of, full thickness skin grafts for, *Aug.*, 939
Hay-fever due to middle nasal turbinal abnormality, *Oct.*, 1291

Headache, bilateral neurasthenic, *Oct.*, 1284
due to middle nasal turbinal abnormality, *Oct.*, 1280
hysterical, *Oct.*, 1284
of ocular origin, *Oct.*, 1286
sick, *Oct.*, 1281
Heart resuscitation, *Aug.*, 823
Hemangioma, cavernous, in adult, radium treatment, *Feb.*, 78
of colon, *Aug.*, 902
of stomach, *Feb.*, 6
of submental region, *Feb.*, 95
types, *Feb.*, 98
Hematoma of rectus muscle, *Oct.*, 1016
Hematuria, *April*, 443
in calculous pyonephrosis, *April*, 451
in carcinoma of bladder, *June*, 704
in tuberculosis of kidney, *April*, 449
in tumor of bladder, *April*, 450
of kidney, *April*, 447
Hemicrania, *Oct.*, 1281
Hemorrhage following colon operations, *Aug.*, 880
gynecologic operations, *Oct.*, 1102
gastro-intestinal, diagnostic difficulties in, *Feb.*, 6
massive, from benign tumor of stomach, *Feb.*, 19
Hepar cysticum, *Feb.*, 191
Hepatic and common bile-ducts, stones in, *Aug.*, 915
strictures of, *Aug.*, 918
Hepatitis, stone in common duct and, differentiation, *Feb.*, 10
Heredity as factor in middle nasal turbinal abnormalities, *Oct.*, 1292
Hermaphroditism, *June*, 535
Hernia, diaphragmatic, *Feb.*, 142; *Oct.*, 1191
approach to, *Oct.*, 1194
congenital, *Oct.*, 1193
inguinal, combined oblique and transverse skin incision in, *Aug.*, 809
repair of, *Dec.*, 1437
disposal of sac, *Dec.*, 1439
exposure of sac, *Dec.*, 1437
living fascial sutures, *Dec.*, 1441
repair of canal, *Dec.*, 1439
paraduodenal, right, *Oct.*, 1013
postoperative, *Dec.*, 1403
through foramen of Winslow, *Oct.*, 1013
umbilical, radical cure, *Aug.*, 987
Hip, fracture of, *Feb.*, 25
Hirschsprung's disease and acquired megacolon, similarity of, *Aug.*, 864
Hoarseness in substernal goiter, *Dec.*, 1313
Humerus, Ewing's tumor of, *June*, 592
fracture of, compound comminuted, into elbow-joint, treatment five days after, *Oct.*, 1091
pathologic, *June*, 635
differential diagnosis, *June*, 636
osteogenic sarcoma of, disarticulation at shoulder for, *June*, 527
shaft, compound fracture of, fixed by traction, *Oct.*, 1090
Hydrocephalus, ureterodural anastomosis for, *April*, 473
with spina bifida, *Feb.*, 220
Hydronephrosis, *Feb.*, 167
resection of renal pelvis with reimplantation of ureter for, *Feb.*, 176
Hypernephroma of kidney, review of 225 cases, *Feb.*, 151
without symptoms or physical signs, *April*, 382
Hyperthyroidism following but unrelated to rectal polyp with carcinomatous changes, *June*, 787
primary, in children, *Dec.*, 1327
recurrent, after subtotal thyroidectomy for hyperthyroidism, *Dec.*, 1323
subtotal thyroidectomy for, laryngeal paralysis after, *Dec.*, 1325
myxedema after, *Dec.*, 1319
persistent thyroidism after, *Dec.*, 1322
recurrent hyperthyroidism after, *Dec.*, 1323
signs and symptoms after, *Dec.*, 1319
tetany after, *Dec.*, 1322
Hysterical headache, *Oct.*, 1284
nail, *Oct.*, 1284

ILEOCECAL obstruction, *Oct.*, 1175
Ileosigmoidostomy, vicious circle of colon from, *April*, 439
Ileum, perforation of, by foreign body with abscess formation, *Oct.*, 1169
Ileus, postoperative, after colon operations, *Aug.*, 878
Immobilization of fragments in compound fractures, *Oct.*, 1074
Incisions, epigastric, mattressed peritoneal sutures in, *Dec.*, 1403
skin, in operations for inguinal hernia, *Aug.*, 809
Infection, wound, after colon operations, *Aug.*, 878
after gynecologic operations, *Oct.*, 1101
Inflammation, marked, after injection treatment of varicose veins, *Dec.*, 1448

Inguinal abscess complicating anal fissure, *Feb.*, 239
hernia, combined oblique and transverse skin incision in, *Aug.*, 809
repair of, *Dec.*, 1437
disposal of sac, *Dec.*, 1439
exposure of sac, *Dec.*, 1437
living fascial sutures, *Dec.*, 1441
repair of canal, *Dec.*, 1439
Injection treatment of varicose veins, ascending perivenitis after, *Dec.*, 1449
complications following, *Dec.*, 1445
immediate general reaction, *Dec.*, 1446
local reaction, *Dec.*, 1446
latent general reaction, *Dec.*, 1448
local reaction, *Dec.*, 1448
marked inflammation after, *Dec.*, 1448
sloughs and ulcers after, *Dec.*, 1449
Interlobar empyema from knife wound, *April*, 435
Intestinal fistula following colon operation, *Aug.*, 880
obstruction, acute, *Feb.*, 211
associated with ruptured appendix, *April*, 487
following appendectomy, *Feb.*, 211
following Webster-Baldy operation for retroversion, *Feb.*, 203
Intracardiac injection of epinephrine in cardiac syncope, *Dec.*, 1341
Intracranial cholesteatoma, *June*, 769
operations, gum acacia-citrated blood sequence during, *Aug.*, 841
Intranasal structures, development of, at various stages, *Oct.*, 1295
Intratracheal anesthesia at Mayo Clinic, *Feb.*, 118; *Aug.*, 946
Intravenous administration of gum acacia-citrated blood sequence during intracranial operations, *Aug.*, 841
Iodin in actinomycotic abdominal sinuses, *Feb.*, 72
in goiter therapy, *June*, 511

JACKSON'S theory of functional cause of pulsion diverticula of esophagus, *June*, 516, 518
Jacobeus' method of pneumolysis, *April*, 457
Jaundice, catarrhal, cholangitis and, differentiation, *Oct.*, 1028
Jaw, bone graft to, *April*, 321
central fibroma of, *April*, 325
lower, adamantinoma of, surgical diathermy in, *Feb.*, 80
Jejunal obstruction following gastroenterostomy for duodenal ulcer, *Oct.*, 1133
ulcer after resection, *Feb.*, 21, 22
postoperative, *Oct.*, 1064
Jejunostomy for recurring peptic ulcer following partial gastrectomy, *Feb.*, 23
Joints, multiple ankylosis of, with chronic infectious arthritis, *Feb.*, 42
sacro-iliac, bimanual examination of, clinical application, *June*, 649
Jugular arteriovenous communication, left carotid, *Dec.*, 1453

KIDNEY, adenocarcinoma of, review of 225 cases, *Feb.*, 151
calices, large stones in, *Feb.*, 186
cortical abscess of, *Aug.*, 801
disease, diagnosis of, differential, by modern technic, *June*, 574
importance of modern technic in, *June*, 573
incomplete preliminary, leading to complications, *June*, 577
overzealous medical intervention in, case illustrating, *June*, 579
effect of alkali treatment of peptic ulcer upon, *Dec.*, 1419
hypernephroma of, review of 225 cases, *Feb.*, 151
pelvis, large stones in, *Feb.*, 186
papillary epithelioma of, method of metastasis, *Aug.*, 853
papilloma of, *Feb.*, 11
primary squamous-cell epithelioma of, review of 23 cases, *Feb.*, 156
resection of, with reimplantation of ureter for hydronephrosis, *Feb.*, 176
sarcoma of, review of 10 cases, *Feb.*, 153
supernumerary, fused, *Dec.*, 1471
tuberculosis of, *Feb.*, 161
hematuria in, *April*, 449
tumors of, hematuria in, *April*, 447
malignant, classification, *Feb.*, 149
in children, review of 13 cases, *Feb.*, 154
review of 271 Mayo Clinic cases, *Feb.*, 149

Knee-joint, osteocartilaginous loose bodies in, *April*, 415
osteochondromatosis of, *April*, 424
Knife wound, interlobar empyema from, *April*, 435
Kupffer's cells, *Feb.*, 64
graphite suspension test, *Feb.*, 65

LARYNGEAL paralysis after subtotal thyroidectomy for hyperthyroidism, *Dec.*, 1325
Laryngectomy in extrinsic epithelioma of larynx, *Feb.*, 84
Larynx, epithelioma of, extrinsic, laryngectomy for, *Feb.*, 84
fibroma of, *Feb.*, 82
Lavage, gastric, following operation for peptic ulcer, *Oct.*, 1071
Leg, anemic ulcer of, pedicle graft for, *Aug.*, 933
fractures of, compound, comminuted into ankle, with gas gangrene, *Oct.*, 1082
double, plated, *Oct.*, 1077
single, fixation by traction, *Oct.*, 1081
with torn muscle-tendons, plated, *Oct.*, 1079
muscles, rhabdomyoma of, *Oct.*, 1257
Ligation of retrolaryngeal superior thyroid poles, *Dec.*, 1345
Limbus, epithelioma of, *Aug.*, 813
Lingual thyroid gland, *Dec.*, 1355
Lip and nose, lymphangio-endothelioma of, *April*, 329
upper, and portion of nose, reconstruction of, following epithelioma, *Feb.*, 75
lymphangioma of, *Oct.*, 1229
Lipiodol injections, progress of subphrenic abscess followed by, *April*, 467
Lipoma of colon, *Aug.*, 898
of floor of mouth, dermoid cysts and, differentiation, *Feb.*, 91
Lithiasis, biliary, *June*, 671
Liver, amebic abscess, *April*, 385
cells, Kupffer's, *Feb.*, 64
phagocytic, *Feb.*, 63
graphite suspension test, *Feb.*, 65
star, *Feb.*, 63
stellate, *Feb.*, 64
cysts of, discovered during abdominal examination, *Feb.*, 199
multilocular, *Feb.*, 196
multiple, *Feb.*, 192
non-parasitic, *Feb.*, 191
review of 24 cases, *Feb.*, 192
Liver, cysts of, retention, *Feb.*, 191
simple, *Feb.*, 195
symptom-producing, *Feb.*, 192
polycystic disease, *Feb.*, 191, 192
removal of, from dogs in urea test, *Feb.*, 58
Lobectomy, cautery, and phrenicectomy in abscess of lung, *April*, 461
for primary carcinoma of lung, *June*, 551
Local anesthesia at Mayo Clinic, *Feb.*, 115; *Aug.*, 942
for tonsillectomy, *Aug.*, 883
short needle for, *Feb.*, 120
Long bones, sarcoma of, end results of treatment, *June*, 583
Longitudinal sinus, superior, wounds of, *April*, 395
Loose bodies, osteocartilaginous, in knee-joint, *April*, 415
Low back pain from lumbosacral anomaly, *Dec.*, 1481
diagnosis, *Dec.*, 1486
treatment, *Dec.*, 1487
Lumbosacral anomaly, low back pain from, *Dec.*, 1481
diagnosis, *Dec.*, 1486
treatment, *Dec.*, 1487
Lung, abscess of, bronchial fistula following, *June*, 545
phrenicectomy and cautery lobectomy in, *April*, 461
carcinoma of, primary, lobectomy for, *June*, 551
tuberculosis of, *Feb.*, 138. See also *Tuberculosis, pulmonary.*
Lymph nodes, cervical, non-caseous tuberculosis of, *Feb.*, 102
removal of, in cancer within buccal cavity, *June*, 687, 692
Lymphangio-endothelioma of lip and nose, *April*, 329
Lymphangioma of axilla, *Oct.*, 1229
of upper lip, *Oct.*, 1229

MACROPHAGE system, *Feb.*, 63
Malar bone, cartilage transplant to, *April*, 331
Malaria, sodium cacodylate in, musculospiral paralysis following, *Oct.*, 1057
Mastoid, cholesteatoma of, *June*, 772
Mattressed peritoneal sutures in epigastric incisions, *Dec.*, 1403
Maxillary region, right, tumor in, *Feb.*, 102
Mayo Clinic, use of anesthetics in, *Feb.*, 113; *Aug.*, 941

Mayo's operation for umbilical hernia, *Aug.*, 990
Meckel's diverticulum, *Feb.*, 126
Medulloblastoma, midcerebellar, in children, *Oct.*, 1156
Megacolon secondary to carcinoma of sigmoid, *Aug.*, 863
Megrim, *Oct.*, 1281
Meningioma of spinal cord with extradural spread, *Aug.*, 982
Meningocele, *Feb.*, 219
Mesenteric adenitis, acute, simulating appendicitis, *Oct.*, 1195
Metastasis of papillary epithelioma of renal pelvis, *Aug.*, 853
Metatarsal fractures, open reduction by incision through abraded and devitalized skin, *Oct.*, 1087
Midcerebellar tumors in children, *Oct.*, 1155
Middle ear, cholesteatoma of, *June*, 771
  nasal turbinal abnormality, ailments caused by, *Oct.*, 1273
    asthma due to, *Oct.*, 1288
    classification, *Oct.*, 1278
    complete extirpation, *Oct.*, 1293
    hay-fever due to, *Oct.*, 1291
    headache due to, *Oct.*, 1280
    heredity in, *Oct.*, 1292
    migraine due to, *Oct.*, 1281
    nasal neuroses due to, *Oct.*, 1288
    ozena due to, *Oct.*, 1291
    type regarded as noxious, *Oct.*, 1276
    urticaria due to, *Oct.*, 1287
    vertigo due to, *Oct.*, 1288
Migraine, *Oct.*, 1281
  due to middle nasal turbinal abnormality, *Oct.*, 1281
  etiology, *Oct.*, 1281
  pathology, *Oct.*, 1283
  symptoms, *Oct.*, 1282
Mikulicz's partial colectomy by multiple stage extraperitoneal method, *June*, 733
Mixed tumor of left submaxillary gland, *Feb.*, 104
Mouth cavity, carcinoma within, *June*, 677
  floor, dermoid cyst of, *Feb.*, 89
    differential diagnosis, *Feb.*, 91
Mucous cysts of floor of mouth, dermoid cysts and, differentiation, *Feb.*, 91
Multiple carcinomata in aberrant breast tissue, *April*, 333
  tumors of neck, face, and trunk, *Oct.*, 1262
Murphy button in stomach for seven years, destruction of, *June*, 765
Muscles of leg, rhabdomyoma of, *Oct.*, 1257
  of thigh, spindle-cell sarcoma of, *Oct.*, 1254
  rectus, hematoma of, *Oct.*, 1016
  skeletal, rhabdomyoma of, *Oct.*, 1261
    sarcoma of, *Oct.*, 1261
Musculospiral paralysis following sodium cacodylate in malaria, *Oct.*, 1057
Myelomeningocele, *Feb.*, 219
Myositis ossificans simulating periosteal osteogenic sarcoma, *June*, 606
Myxedema after subtotal thyroidectomy for hyperthyroidism, *Dec.*, 1319

NAIL, hysterical, *Oct.*, 1284
Narcotics, preliminary, in spinal anesthesia, *Dec.*, 1372
Nasal neuroses, *Oct.*, 1289
    due to middle turbinal abnormality, *Oct.*, 1288
  reconstruction, partial, *Aug.*, 923
  structures, development of, at various stages, *Oct.*, 1295
  turbinal abnormality, ailments caused by, *Oct.*, 1273
Neck, multiple tumors of, *Oct.*, 1262
Necrosis of rib nine years after empyema with resection, *June*, 775
Needle, short, for local anesthesia, *Feb.*, 120
Neoplasm. See *Tumor.*
Nephritis, suppurative, cortical, *Aug.*, 801
Nerve, phrenic, avulsion of, for tuberculosis of lungs, *June*, 562
    tests for identifying at operation, *Oct.*, 1054
Neurasthenic headache, bilateral, *Oct.*, 1284
Neurocytoma of adrenal gland, *Oct.*, 1265
Neuroses, nasal, *Oct.*, 1289
    due to middle turbinal abnormality, *Oct.*, 1288
Nipple, Paget's disease of, and adenocarcinoma of breast, *Aug.*, 951
Nitrous oxid anesthesia at Mayo Clinic, *Feb.*, 117; *Aug.*, 948

Nose and lip, lymphangio-endothelioma of, *April*, 329
cartilage transplant to, *April*, 327
reconstruction of, partial, *Aug.*, 923
upper lip and, reconstruction of, following epithelioma, *Feb.*, 75

OBSTRUCTION, ileocecal, *Oct.*, 1175
intestinal, acute, *Feb.*, 211
following appendectomy, *Feb.*, 207
following Webster-Baldy operation for retroversion, *Feb.*, 203
of upper portion of urinary tract, *Feb.*, 167
pyloric, *June*, 783
Occipital bone, sarcoma of, end-results of treatment, *June*, 600
Ocular headache, *Oct.*, 1286
Oil-ether colonic anesthesia at Mayo Clinic, *Feb.*, 117; *Aug.*, 945
Os calcis, scar over, tube pedicle graft from abdomen for, *Aug.*, 936
Osteitis fibrosa cystica, pathologic fracture of bone and, differentiation, *June*, 637
Osteocartilaginous loose bodies in knee-joint, *April*, 415
Osteochondroma of femur, *Feb.*, 47
Osteochondromatosis of knee-joint, *April*, 424
Osteogenic sarcoma, non-suppurative infectious osteomyelitis of femur simulating, *June*, 641
of left humerus, disarticulation at shoulder for, *June*, 527
of long bones, end-results of treatment, *June*, 583
of tibia, *Oct.*, 1201
pathologic fracture of bone and, differentiation, *June*, 637
periosteal, myositis ossificans simulating, *June*, 606
Osteoma of upper third of left tibia with cystic areas, following osteomyelitis, *Feb.*, 39
Osteomyelitis, non-suppurative infectious, of femur simulating osteogenetic sarcoma, *June*, 641
of femur, sequestrectomy through special incision for, *Aug.*, 929
osteoma of left tibia with cystic areas following, *Feb.*, 39
radial deflection deformity of wrist due to non-union following, *Feb.*, 41
Otic cholesteatoma, *June*, 771
Oxygen, method of preventing accidental substitution of other gases for, *Feb.*, 118
postoperative administration, as prophylaxis against pulmonary complications, *Feb.*, 13
subcutaneously, *Feb.*, 17
Ozena due to middle nasal turbinal abnormality, *Oct.*, 1291

PAGET'S disease of nipple and adenocarcinoma of breast, *Aug*, 951
of skull associated with cancer of prostate, *June*, 713, 714
Pain, back, low, from lumbosacral anomaly, *Dec.*, 1481
diagnosis, *Dec.*, 1486
treatment, *Dec.*, 1487
in acute pancreatitis, *June*, 748
in chronic duodenal ulcer, *Oct.*, 1143
Pancreas, carcinoma of, *June*, 659
tail, dermoid cyst of, *Aug.*, 837
Pancreatic obstruction of bile-duct, choledochoduodenostomy for, *Aug.*, 921
Pancreatitis, acute, *June*, 743
clinical aspects, *June*, 747
prognosis, *June*, 752
treatment, *June*, 751
Papillary epithelioma of renal pelvis, *Feb.*, 157
method of metastasis, *Aug.*, 853
Papilloma of bladder, *June*, 702
of renal pelvis, *Feb.*, 11
Papillomatous polyps of sigmoid, *Feb.*, 109
Paraduodenal hernia, right, *Oct.*, 1013
Paralysis, extensor, of foot following injection of alcohol for sciatica, *Oct.*, 1057
laryngeal, after subtotal thyroidectomy for hyperthyroidism, *Dec.*, 1325
musculospiral, following sodium cacodylate in malaria, *Oct.*, 1057
Parametritis following gynecologic operations, *Oct.*, 1101
Paranasal structures, development of, at various stages, *Oct.*, 1295
Parotid tumors, *Oct.*, 1268
Parotitis, acute, after operation for duodenal ulcer, *Oct.*, 1142
following colon operations, *Aug.*, 878
Pedicle graft for anemic ulcer of leg, *Aug.*, 933
from abdomen for leg injuries, *Aug.*, 936

Pelvic peritonitis after gynecologic operations, *Oct.*, 1101
Pelviolithotomy and ureterolithotomy done simultaneously, *Aug.*, 911
Pelvis, renal, large stones in, *Feb.*, 186
papillary epithelioma of, method of metastasis, *Aug.*, 853
papilloma of, *Feb.*, 11
primary squamous-cell epithelioma of, *Feb.*, 155
resection of, with reimplantation of ureter for hydronephrosis, *Feb.*, 176
Penis, amputation of, in pseudohermaphroditismus masculinus, *June*, 540
and scrotum, avulsion of skin of, *Aug.*, 993
Pennington's theory of anal fissure, *Feb.*, 234
Peptic ulcer, alkali treatment, effect of, upon kidneys, *Dec.*, 1419
etiology, *Oct.*, 1060
gastro-enterostomy for, *Oct.*, 1062
technic, *Oct.*, 1068
operations for, gastrojejunal ulcer following, *Oct.*, 1063
partial gastrectomy for, *Oct.*, 1063
complications following, *Oct.*, 1067
technic, *Oct.*, 1070
postoperative gastric lavage in, *Oct.*, 1071
treatment, *Oct.*, 1070
recurring, following partial gastrectomy, jejunostomy for, *Feb.*, 23
following repeated partial gastrectomy, *Feb.*, 21
relationship of pyloric sphincter to, *Oct.*, 1003
removal of anterior half of pyloric sphincter for, *Oct.*, 1007
treatment, *Oct.*, 1059
types of operation, *Oct.*, 1061
Perforated duodenal ulcer, *Oct.*, 1139, 1146
Perforation of ileum by foreign body with abscess formation, *Oct.*, 1169
Pericarditis, purulent, with empyema of right thorax and pleural effusion in left, *Feb.*, 133
Periosteal osteogenic sarcoma, myositis ossificans simulating, *June*, 606
of long bones, end-results of treatment, *June*, 583
Peripheral blood, effect of postoperative injections of glucose and sodium chlorid on, *Aug.*, 970
Peritoneal sutures, mattressed, in epigastric incisions, *Dec.*, 1403
Peritonitis, acute, following vulvitis in child, *Oct.*, 1197
following operations on colon, *Aug.*, 875
pelvic, after gynecologic operations, *Oct.*, 1101
prevention of, by preoperative administration of vaccine of colon bacilli and streptococci, *Aug.*, 877
Perivenitis, ascending, after injection treatment of varicose veins, *Dec.*, 1449
Pernicious anemia and exophthalmic goiter, *Dec.*, 1363
Phagocytic cells of liver, graphite suspension test, *Feb.*, 65
of mammalian liver, *Feb.*, 63
Pharyngo-esophageal diverticulum, *Feb.*, 123; *Aug.*, 793
Phrenic nerve, avulsion of, for tuberculosis of lungs, *June*, 563
test for identifying at operation, *Oct.*, 1054
Phrenicectomy and cautery lobectomy in abscess of lung, *April*, 461
Phrenico-exeresis in pulmonary tuberculosis, *April*, 311; *Oct.*, 1052
Phrenicotomy for pulmonary tuberculosis, *Feb.*, 139, 141; *Oct.*, 1047
Physiotherapy, postoperative, for arthroplasty, *Feb.*, 45
Pilonidal cysts and fistulæ, treatment, *June*, 695
Pleural effusion in left thorax with empyema of right side and purulent pericarditis, *Feb.*, 133
Pneumolysis in pulmonary tuberculosis, *April*, 455
Pneumonia following colon operations, *Aug.*, 882
postoperative, prevention and treatment of, by administration of oxygen, *Feb.*, 13
Pneumothorax, artificial, spontaneous progressive pneumothorax following, *Oct.*, 1055
from aspiration, *April*, 431
spontaneous progressive, following artificial pneumothorax, *Oct.*, 1055
Polya resection of stomach, gastrojejunal ulcer after, *Feb.*, 21, 22
Polyadenoma en nappe, *Aug.*, 905
Polycystic disease of liver, *Feb.*, 191, 192
Polyp of anus, fissure and, differentiation, *Feb.*, 238
of colon, *Aug.*, 894

Polyp of sigmoid, *Feb.*, 106
adenomatous, *Feb.*, 108
papillomatous, *Feb.*, 109
transperitoneal sigmoidotomy for, *Feb.*, 109, 111
rectal, with carcinomatous changes, *June*, 787
hyperthyroidism two years later, *June*, 790
Polypoidosis of colon, *Aug.*, 905
Polyposis of colon, *Aug.*, 904
Popliteal aneurysm, infected, *Oct.*, 1171
Postoperative abdominal sinuses, *Feb.*, 69
administration of oxygen as prophylaxis against pulmonary complications, *Feb.*, 13
cholangitis, *Oct.*, 1025
complications of colon surgery, *Aug.*, 875
edema, *Dec.*, 1489
gastrojejunal ulcer, *Oct.*, 1063
hernia, *Dec.*, 1403
ileus following colon operations, *Aug.*, 878
jejunal ulcer, *Oct.*, 1064
physiotherapy for arthroplasty, *Feb.*, 45
Postpneumonic empyema, *April*, 431
Presacral vertebra, last, defects of, low back pain from, *Dec.*, 1483
Prostate, carcinoma of, *June*, 712; *Oct.*, 1217
Paget's disease of skull associated with, *June*, 713, 714
treatment, *June*, 725
tumors of, *June*, 701
benign, *June*, 702
Protein, specific dynamic action of, *Aug.*, 831
Pseudo-appendicitis in children, *April*, 367
Pseudohermaphroditismus masculinus, *June*, 535
Pulmonary abscess, bronchial fistula following, *June*, 545
chronic, external operation for, *Oct.*, 1241
complications, postoperative, prevention of, by administration of oxygen, *Feb.*, 13
by subcutaneous administration of oxygen, *Feb.*, 17
embolism following colon operations, *Aug.*, 881
tuberculosis, *Feb.*, 138
advanced, carotid-jugular end-to-end anastomosis in, *Oct.*, 1043
avulsion of left phrenic nerve for, *June*, 563
Pulmonary tuberculosis, extrapleural thoracoplasty in, *Oct.*, 1235
phrenico-exeresis in, *April*, 311; *Oct.*, 1052
phrenicotomy for, *Oct.*, 1047
pneumolysis in, *April*, 455
surgical treatment, *April*, 307
thoracoplasty and phrenicotomy in, *Feb.*, 138
Pulse, effects of postoperative injections of glucose and sodium chlorid on, *Aug.*, 970
Pulsion diverticula of esophagus, *Feb.*, 125
Jackson's theory, *June*, 516, 518
Pyelonephritis following colon operations, *Aug.*, 881
Pyloric obstruction, *June*, 783
sphincter, anterior half, removal of, for peptic ulcer, *Oct.*, 1007
relationship to peptic ulcer, *Oct.*, 1003
ulcer, incidence, *Oct.*, 1060
Pyonephrosis, calculous, hematuria in, *April*, 451
left, with double ureter and carcinoma of right wall of bladder, *Feb.*, 187

QUADRICEPS tendon, rupture of, *Dec.*, 1467

RADIAL deflection deformity of wrist due to non-union following osteomyelitis, *Feb.*, 41
Radiation in carcinoma of bladder, *June*, 722
Radiotherapy for endothelioma of femur, *Feb.*, 53, 54
Radium in sarcoma of long bones, *June*, 613
treatment of cavernous hemangioma in adult, *Feb.*, 78
Radius, sarcoma of, end-results of treatment, *June*, 598
Ranula of floor of mouth, dermoid cysts and, differentiation, *Feb.*, 91
Rectal anesthesia, Gwathmey, technic, *June*, 506
polyp with carcinomatous changes, *June*, 787
hyperthyroidism two years later, *June*, 790
Rectosigmoid, arterial blood supply of, *Aug.*, 957
Rectovaginal fistula, congenital, *April*, 481

Rectum, arterial blood-supply of, *Aug.*, 957
Rectus muscle, hematoma of, *Oct.*, 1016
Regional anesthesia, *Dec.*, 1387
Renal. See *Kidney.*
Resection of stomach, Polya's, gastro-jejunal ulcer after, *Feb.*, 21, 22
successful, in carcinoma with pancreatic involvement, *Feb.*, 1
Respiratory depression, treatment, in spinal anesthesia, *Dec.*, 1374
Resuscitation, cardiac, *Aug.*, 823
Retention cysts of liver, *Feb.*, 191
Reticulo-endothelial system, *Feb.*, 63
Retractor, anal, *Feb.*, 245
Retrolaryngeal superior thyroid poles, ligation, *Dec.*, 1345
Retroversion of uterus, Webster-Baldy operation for, fibromyomatous uterus following, *Feb.*, 207
intestinal obstruction following, *Feb.*, 203
Rhabdomyoma of muscles of leg, *Oct.*, 1257
of skeletal muscles, *Oct.*, 1261
Rhinitis, atrophic, due to middle nasal turbinal abnormality, *Oct.*, 1291
Rib, necrosis of, nine years after empyema with resection, *June*, 775
Riedel's struma, *June*, 493
anesthesia and operation, *June*, 506
iodin therapy, *June*, 511
Right duodenal hernia, *Oct.*, 1013
Rigidity in chronic duodenal ulcer, *Oct.*, 1144
Roux's anastomosis in jejunal ulcer, *Feb.*, 22
Rupture of bladder, conservative treatment, following interposition operation for cure of marked pelvic relaxation, *April*, 380
of quadriceps tendon, *Dec.*, 1467
of spleen, splenectomy in, *April*, 352
subcutaneous traumatic, *April*, 345
case report, *April*, 356
suture in, *April*, 353
symptoms, *April*, 350
tamponade in, *April*, 355
traumatic, *Oct.*, 1181
choice of operation, *Oct.*, 1187
diagnosis, *Oct.*, 1186
postoperative reactions, *Oct.*, 1188
treatment, *April*, 352
results of, *April*, 356
types, *April*, 348
wound, *Dec.*, 1403
Ruptured appendix, acute intestinal obstruction associated with, *April*, 487

SACRO-ILIAC joints, bimanual examination, clinical application of, *June*, 649
Salivary calculi in right submaxillary gland, *Feb.*, 99
colic, *Feb.*, 102
gland, mixed tumor of, *Feb.*, 105; *Oct.*, 1268
submaxillary, calculus of duct of, *June*, 753
Sarcoma of chest wall, *June*, 781
of femur, *June*, 584, 587, 591, 592, 594, 595, 596, 602
of fibula, *June*, 585, 602
of kidney, review of 10 cases, *Feb.*, 153
of long bones, end-results of treatment, *June*, 583
mixed toxins of erysipelas and Bacillus prodigiosus in, 610
radiation in, *June*, 613
treatment, *June*, 612
of occipital bone, *June*, 600
of radius, *June*, 598
of skeletal muscles, *Oct.*, 1261
of thigh, *Oct.*, 1254
of tibia, *June*, 583, 589, 597, 602, 609
osteogenic, non-suppurative infectious osteomyelitis of femur simulating, *June*, 641
of left humerus, disarticulation at shoulder for, *June*, 527
of tibia, *Oct.*, 1201
pathologic fracture of bone and, differentiation, *June*, 637
periosteal osteogenic, myositis ossificans simulating, *June*, 606
spindle-cell, of muscles of thigh, *Oct.*, 1254
Sciatica, alcohol injection for, extensor paralysis of foot following, *Oct.*, 1057
Scrotum and penis, avulsion of skin of, *Aug.*, 993
Semken's gas cautery, *June*, 682
Sentinel tag of anal fissure, *Feb.*, 232
Sequestrectomy for osteomyelitis of femur, *Aug.*, 929
Sexual organs, embryonal development, *June*, 537
Sick headache, *Oct.*, 1281
Sigmoid, arterial blood-supply of, *Aug.*, 957

Sigmoid, carcinoma of, megacolon secondary to, *Aug.*, 863
polyp of, *Feb.*, 108
adenomatous, *Feb.*, 108
papillomatous, *Feb.*, 109
transperitoneal sigmoidotomy for, *Feb.*, 109, 111
Sigmoidoscopy and *x*-rays, relative value of, in diagnosis of terminal bowel pathology, *June*, 673
Sigmoidotomy, transperitoneal, for polyps of sigmoid, *Feb.*, 109, 111
technic, *Feb.*, 111
Sinus cachés, *April*, 400
découverts, *April*, 400
pericranii, *April*, 403
sphenoparietalis of Breschet, *April*, 399
superior longitudinal, wounds of, *April*, 395
Sinuses, abdominal, due to actinomycosis, *Feb.*, 72
sulphur bodies in, *Feb.*, 72
postoperative, *Feb.*, 69
dural, wounds of, diagnosis, *April*, 404
symptoms, *April*, 401
treatment, *April*, 404
Skeletal muscles, rhabdomyoma of, *Oct.*, 1261
sarcoma of, *Oct.*, 1261
Skin incision in operations for inguinal hernia, *Aug.*, 809
of penis and scrotum, avulsion of, *Aug.*, 993
Skull, Paget's disease of, associated with carcinoma of prostate, *June*, 713
Sloughs and ulcers after injection treatment of varicose veins, *Dec.*, 1449
Smoke, cautery, suction removal, *Dec.*, 1459
Sodium amytal as anesthetic, *Dec.*, 1381
cacodylate in malaria, musculospiral paralysis following, *Oct.*, 1059
chlorid and glucose injections after operation, effect on circulation, *Aug.*, 969
tetraiodophenolphthalein, toxic effects following administration, *Dec.*, 1429
Soft parts, unusual tumors of, *Oct.*, 1245
Specific dynamic action of carbohydrate and fat, *Aug.*, 834
of food, *Aug.*, 829
of protein, *Aug.*, 831
Sphincter, pyloric, anterior half, removal of, for peptic ulcer, *Oct.*, 1007
relationship to peptic ulcer, *Oct.*, 1003
Sphincterotomy, subcutaneous, for anal fissure, *Feb.*, 240
Sphincters, anal, divulsion of, for fissure, *Feb.*, 239
Spina bifida, *Feb.*, 219
contraindications to operation, *Feb.*, 222
hydrocephalus with, *Feb.*, 220
low back pain from, *Dec.*, 1483
treatment, operative, *Feb.*, 225, 227
postoperative, *Feb.*, 226, 228
preoperative, *Feb.*, 221
Spinal anesthesia, *Oct.*, 1225; *Dec.*, 1390
amytal preceding, *Aug.*, 942
anoxemia in, treatment, *Dec.*, 1374
at Mayo Clinic, *Feb.*, 115; *Aug.*, 942
competent watching, *Dec.*, 1375
ephedrine for, *Aug.*, 942
preliminary to, *Dec.*, 1372
epinephrine in, *Dec.*, 1376
giving of fluids, *Dec.*, 1372, 1377
placing anesthesia, *Dec.*, 1372
position during operation, *Dec.*, 1373
preliminary narcotics, *Dec.*, 1372
preparation of patient, *Dec.*, 1371
selection of risk, *Dec.*, 1371
technic, *Oct.*, 1225
treatment of respiratory depression, *Dec.*, 1374
vascular depression of, *Dec.*, 1369
co-ordinating treatment, *Dec.*, 1377
early treatment, *Dec.*, 1374
cord, meningioma of, with extradural spread, *Aug.*, 982
Spindle-cell sarcoma of muscles of thigh, *Oct.*, 1254
Spleen, rupture of, splenectomy in, *April*, 352
subcutaneous traumatic, *April*, 345
case report, *April*, 356
suture in, *April*, 353
symptoms, *April*, 350
tamponade in, *April*, 355
treatment, *April*, 352
results of, *April*, 356
types, *April*, 348
tears of, *April*, 348
traumatic rupture of, *Oct.*, 1181
choice of operation, *Oct.*, 1187
diagnosis, *Oct.*, 1181

Spleen, traumatic rupture of, postoperative reactions, *Oct.*, 1188
prognosis, *Oct.*, 1188
Splenectomy in rupture, *April*, 352
Splenorrhaphy in rupture, *April*, 353
Split vertebral arches, low back pain from, *Dec.*, 1483
Spondylolisthesis, *Dec.*, 1484
diagnosis, *Dec.*, 1486
symptoms due to, *Dec.*, 1484
traumatic, *Feb.*, 49
treatment, *Dec.*, 1487
Squamous-cell epithelioma of renal pelvis, review of 23 cases, *Feb.*, 155
Stellate cells of liver, *Feb.*, 64
Stenosis, obliterative, of common duct, choledochoduodenostomy for, *April*, 337
Stomach, carcinoma of, diagnosis, early, *Dec.*, 1411
surgical indications in, *Dec.*, 1411
with pancreatic involvement, successful resection in, *Feb.*, 1
destruction of Murphy button in, after seven years, *June*, 765
hemangioma of, *Feb.*, 6
lesser curvature, ulcer of, following gastro-enterostomy, *Dec.*, 1425
resection, Polya's, gastrojejunal ulcer after, *Feb.*, 21, 22
successful, in carcinoma with pancreatic involvement, *Feb.*, 1
tumor of, benign, associated with massive gastric hemorrhage, *Feb.*, 19
Stone in common duct, *Aug.*, 915
cholangitis and, differentiation, *Feb.*, 10
cirrhosis and, differentiation, *Feb.*, 10
following cholecystectomy, *Feb.*, 8
hepatitis and, differentiation, *Feb.*, 10
stricture and, differentiation, *Feb.*, 10
in hepatic duct, *Aug.*, 915
in right submaxillary gland, *Feb.*, 99
large, in ureter, *Aug.*, 913
Stricture of common ducts, *Aug.*, 918
stone and, differentiation, *Feb.*, 10
of hepatic duct, *Aug.*, 918
Stridor in substernal goiter, *Dec.*, 1313
Struma lymphomatosa, *June*, 494
Riedel's, *June*, 493
anesthesia and operation, *June*, 506
iodin therapy, *June*, 511
Subacromial bursitis, *Oct.*, 1107
diagnosis, *Oct.*, 1114
etiology, *Oct.*, 1110
histopathology, *Oct.*, 1122
in both shoulders with symptoms in only one, *Oct.*, 1117
non-operative treatment, *Oct.*, 1122
operative technic, *Oct.*, 1120
symptoms, *Oct.*, 1110
treatment, *Oct.*, 1118
Subcutaneous administration of oxygen, postoperative, *Feb.*, 17
traumatic rupture of spleen, *April*, 345
case report, *April*, 356
Submaxillary gland duct, calculus of, *June*, 753
left, adenocarcinoma of, *Feb.*, 104
right, salivary calculi in, *Feb.*, 99
Submental region, hemangioma of, *Feb.*, 95
Subphrenic abscess followed by lipiodol injections, progress of, *April*, 467
Substernal goiter, diagnosis, *Dec.*, 1309
symptoms, *Dec.*, 1311
thoracic tumors and, differentiation, *Dec.*, 1317
Suction removal of cautery smoke, *Dec.*, 1459
Sulphur bodies in actinomycotic abdominal sinusitis, *Feb.*, 72
Superior longitudinal sinus, wounds of, *April*, 395
Supernumerary kidney, fused, *Dec.*, 1471
Suppurative nephritis, cortical, *Aug.*, 801
thyroiditis, *Oct.*, 1017
Surgical diathermy in adamantinoma of lower jaw, *Feb.*, 80
Suture, fascial, living, in repair of inguinal hernia, *Dec.*, 1441
in rupture of spleen, *April*, 353
peritoneal, mattressed, in epigastric incisions, *Dec.*, 1403
Sympatheticoblastoma, *Oct.*, 1265
Syncope, cardiac, intracardiac injection of epinephrine in, *Dec.*, 1341
Syphilis of bone, pathologic fracture and, differentiation, *June*, 636
Syringomyelocele, *Feb.*, 219

TAG, sentinel, of anal fissure, *Feb.*, 232
Tamponade in rupture of spleen, *April*, 355
Tears of spleen, *April*, 348
Tenderness in chronic duodenal ulcer, *Oct.*, 1144

Tendon, quadriceps, rupture of, *Dec.*, 1467
Tenesmus, vesical, *April*, 294
Test, Graham, toxic effects following, *Dec.*, 1429
Tetany after subtotal thyroidectomy for hyperthyroidism, *Dec.*, 1322
Thigh, muscles, spindle-cell sarcoma of, *Oct.*, 1254
  sarcoma of, *Oct.*, 1254
  tumors of, *Oct.*, 1252
Thoracic surgery, *Oct.*, 1235
  tumors, substernal goiter and, differentiation, *Dec.*, 1317
Thoracoplasty, extrapleural, in pulmonary tuberculosis, *Oct.*, 1235
  in pulmonary tuberculosis, *Feb.*, 139; *April*, 307
Thorax, right side, empyema of, with pleural effusion in left side and purulent pericarditis, *Feb.*, 133
Thyrocardiac, *Dec.*, 1304
Thyroid artery, inferior, in subtotal thyroidectomy, *Dec.*, 1336
    superior, bleeding, control of, in subtotal thyroidectomy, *Dec.*, 1334
  gland, benign granuloma of, *June*, 493
    lingual, *Dec.*, 1355
  poles, retrolaryngeal superior, ligation, *Dec.*, 1345
  tissue, aberrant, *Dec.*, 1355
  vein, middle, in subtotal thyroidectomy, *Dec.*, 1335
Thyroidectomy, subtotal, control of bleeding, superior thyroid artery in, *Dec.*, 1334
    of blood-supply in, *Dec.*, 1331
  for hyperthyroidism, laryngeal paralysis after, *Dec.*, 1325
    myxedema after, *Dec.*, 1319
    persistent thyroidism after, *Dec.*, 1322
    recurrent hyperthyroidism after, *Dec.*, 1323
    signs and symptoms after, *Dec.*, 1319
    tetany after, *Dec.*, 1322
  inferior thyroid artery in, *Dec.*, 1336
  middle thyroid vein in, *Dec.*, 1335
Thyroidism, activating, *Dec.*, 1303
  apathetic, *Dec.*, 1303
  persistent, after subtotal thyroidectomy for hyperthyroidism, *Dec.*, 1322
Thyroiditis, suppurative, *Oct.*, 1017
Tibia, left, osteoma of, with cystic areas, following osteomyelitis, *Feb.*, 39
Tibia, osteogenic sarcoma of, *Oct.*, 1201
  sarcoma of, end-results of treatment, *June*, 583, 589, 597, 602, 609
  scar over, tube pedicle graft from abdomen for, *Aug.*, 936
Tibial tubercle, avulsion of, repair by fascial transplant, *Dec.*, 1461
Tonsillectomy, local anesthesia for, *Aug.*, 883
    contraindications, *Aug.*, 887
    environment and preparation of patient, *Aug.*, 888
    indications, *Aug.*, 885
    method, *Aug.*, 889
    operating room and, *Aug.*, 889
    surgeon and patient, *Aug.*, 883
Toxic effects following administration of sodium tetraiodophenolphthalein (Graham test), *Dec.*, 1429
Tracheal pressure in substernal goiter, *Dec.*, 1313
Tracheo-esophageal fistula, congenital, *Aug.*, 997
Traction diverticula of esophagus, *Feb.*, 125
Transperitoneal sigmoidotomy for polyps of sigmoid, *Feb.*, 109, 111
  technic, *Feb.*, 111
Transplant, cartilage, to malar bone, *April*, 331
  to nose, *April*, 327
Transverse colon, carcinoma of, *June*, 663
  processes, variations in size, low back pain from, *Dec.*, 1485
Traumatic fat necrosis of breast, *Oct.*, 1252
  rupture of spleen, *Oct.*, 1181
    prognosis, *Oct.*, 1188
    subcutaneous, of spleen, *April*, 345
      case report, *April*, 356
  spondylolisthesis, *Feb.*, 49
Triad, ulcer, *Oct.*, 1128
Triangular fibrocartilage of wrist, repair of rupture, *Aug.*, 931
Tribromethylalcohol as anesthetic, *Dec.*, 1381, 1382
Trunk, multiple tumors of, *Oct.*, 1262
T-tube drainage in cholangitis, *Oct.*, 1029
Tube pedicle graft from abdomen for leg injuries, *Aug.*, 936
Tubercle, tibial, avulsion, repair by fascial transplant, *Dec.*, 1461
Tuberculosis, non-caseous, of cervical lymph-nodes, *Feb.*, 102
  of kidney, *Feb.*, 161
    hematuria in, *April*, 449

Tuberculosis, pulmonary, *Feb.*, 138
advanced, carotid-jugular end-to-end anastomosis in, *Oct.*, 1043
avulsion of left phrenic nerve for, *June*, 563
extrapleural thoracoplasty in, *Oct.*, 1235
phrenico-exeresis in, *April*, 311; *Oct.*, 1052
phrenicotomy for, *Oct.*, 1047
pneumolysis in, *April*, 455
surgical treatment, *April*, 307
thoracoplasty and phrenicotomy in, *Feb.*, 138
urinary, *Feb.*, 161
Tumors, abdominal, *Oct.*, 1245
benign, of bladder and prostate, *June*, 702
of colon, *Aug.*, 893
of femur, *Feb.*, 46
of stomach, associated with massive gastric hemorrhage, *Feb.*, 19
cystic, of colon, *Aug.*, 908
desmoid, of abdomen, *Oct.*, 1248
Ewing's, of fibula, *June*, 585
of humerus, *June*, 592
in right maxillary region, *Feb.*, 102
malignant, confined to diverticulum of bladder, *Aug.*, 847
of kidney, classification, *Feb.*, 149
in children, review of 13 cases, *Feb.*, 154
review of 271 Mayo Clinic cases, *Feb.*, 149
midcerebellar, in children, *Oct.*, 1155
diagnosis, *Oct.*, 1165
symptoms, *Oct.*, 1163
treatment, *Oct.*, 1166
mixed, of left submaxillary gland, *Feb.*, 104
of salivary glands, *Oct.*, 1268
multiple, of neck, face, and trunk, *Oct.*, 1262
of bladder and prostate, *June*, 701
hematuria in, *April*, 450
of bone, Ewing's classification, *June*, 532
of breast, *Oct.*, 1249
of femur, benign, previously diagnosed and treated as malignant, *Feb.*, 46
of kidney, hematuria in, *April*, 447
of thigh, *Oct.*, 1252
parotid, *Oct.*, 1268
skeletal muscle, primary malignant, *Oct.*, 1261
thoracic, substernal goiter and, differentiation, *Dec.*, 1317
unusual, of soft parts, *Oct.*, 1245
Turbinal abnormality, middle nasa asthma due to, *Oct.*, 1288
classification, *Oct.*, 1278
complete extirpation, *Oct.*, 1293
diseases caused by, *Oct.*, 1273
hay-fever due to, *Oct.*, 1291
headache due to, *Oct.*, 1280
heredity in, *Oct.*, 1292
migraine due to, *Oct.*, 1281
nasal neuroses due to, *Oct.*, 1288
ozena due to, *Oct.*, 1291
type regarded as noxious, *Oct.*, 1276
urticaria due to, *Oct.*, 1287
vertigo due to, *Oct.*, 1288

Ulcer, anemic, of leg, pedicle graft for, *Aug.*, 933
duodenal, acute perforated, removal of anterior half of pyloric sphincter in, *Oct.*, 1010
chronic, *Oct.*, 1127
acute perforation of, *Oct.*, 1146
analysis of 137 cases, *Oct.*, 1143
cicatrized obstructing, *Oct.*, 1136
fibrosed, with hypertrophy of stomach, *Oct.*, 1133
gastro-enterostomy for, jejunal obstruction following, *Oct.*, 1133
operation for, *Oct.*, 1145
acute parotitis after, *Oct.*, 1142
anesthesia in, *Oct.*, 1145
delirium tremens after, *Oct.*, 1142
mortality in, causes, *Oct.*, 1150
pain in, *Oct.*, 1143
perforated, *Oct.*, 1139, 1146
postoperative complications, *Oct.*, 1142, 1145
rigidity in, *Oct.*, 1144
tenderness in, *Oct.*, 1144
with recurrent exacerbation of symptoms, *Oct.*, 1130
without digestive symptoms, *Oct.*, 1128
Finsterer operation for, *June*, 763
perforated, gas beneath diaphragm in, *Oct.*, 1149
reactivation of, following disconnection of gastro-enterostomy, *June*, 759
treatment, *Oct.*, 1059
facies, *Oct.*, 1127

Ulcer, gastric, bleeding, removal of anterior half of pyloric sphincter in, *Oct.*, 1012
treatment, *Oct.*, 1059
gastrojejunal, adherent to spleen, *Feb.*, 23
after posterior gastro-enterostomy, *Feb.*, 21, 22
postoperative, *Oct.*, 1063
irritable, of anus, *Feb.*, 231
jejunal, after resection, *Feb.*, 21, 22
postoperative, *Oct.*, 1064
of lesser curvature of stomach following gastro-enterostomy, *Dec.*, 1425
peptic, alkali treatment, effect of, upon kidneys, *Dec.*, 1419
etiology, *Oct.*, 1060
gastro-enterostomy for, *Oct.*, 1062
technic, *Oct.*, 1068
operations for, gastrojejunal ulcer following, *Oct.*, 1063
partial gastrectomy for, *Oct.*, 1063
complications following, *Oct.*, 1067
technic, *Oct.*, 1070
postoperative gastric lavage in, *Oct.*, 1071
treatment, *Oct.*, 1070
recurring, following partial gastrectomy, jejunostomy for, *Feb.*, 23
following repeated partial gastrectomy, *Feb.*, 21
relationship of pyloric sphincter to, *Oct.*, 1003
removal of anterior half of pyloric sphincter for, *Oct.*, 1007
treatment, *Oct.*, 1059
types of operation, *Oct.*, 1061
pyloric, incidence, *Oct.*, 1060
triad, *Oct.*, 1128
type, *Oct.*, 1127
Ulcers and sloughs after injection treatment of varicose veins, *Dec.*, 1449
Umbilical hernia, radical cure, *Aug.*, 987
Urea, ammonia in urine and, relation between, *Feb.*, 60
elimination, means of, 59
formation, *Feb.*, 56
effect of removal of liver, *Feb.*, 58
means of decreasing, *Feb.*, 60
of increasing, *Feb.*, 60
site of, *Feb.*, 57
physical properties, *Feb.*, 55
physiologic properties, *Feb.*, 56
quantitative estimation, *Feb.*, 57
significance of, *Feb.*, 55
uremia, relation between, *Feb.*, 59
Uremia, urea and, relation between, *Feb.*, 59
Ureter, lower portion, large stones in, *Aug.*, 913
reimplantation of, with resection of renal pelvis for hydronephrosis, *Feb.*, 176
Ureteral calculus, *Feb.*, 170
Ureterodural anastomosis, *April*, 473
Ureterolithotomy and pelviolithotomy done simultaneously, *Aug.*, 911
Ureteropelvic juncture, obstruction at, plastic operations for, *Feb.*, 176
Urinary bladder, diverticulum of, malignant tumor confined to, *Aug.*, 847
tract, upper portion, obstruction of, *Feb.*, 167
tuberculosis, *Feb.*, 161
Urine, ammonia in, urea and, relation between, *Feb.*, 60
Urticaria due to middle nasal turbinal abnormality, *Oct.*, 1287
Uterus, fibromyoma of, following Webster-Baldy operation for retroversion, *Feb.*, 207
retroversion of, Webster-Baldy operation for, fibromyomatous uterus following, *Feb.*, 207
intestinal obstruction following, *Feb.*, 203

Vaccine of colon bacilli and streptococci for prevention of peritonitis, *Aug.*, 877
Vaginal and abdominal operations combined, *Oct.*, 1100
Varicose veins, injection treatment, ascending perivenitis after, *Dec.*, 1449
complications following, *Dec.*, 1445
immediate general reaction, *Dec.*, 1446
local reaction, *Dec.*, 1446
latent general reaction, *Dec.*, 1445
local reaction, *Dec.*, 1448
marked inflammation after, *Dec.*, 1448
sloughs and ulcers after, *Dec.*, 1449
Vascular depression in spinal anesthesia, *Dec.*, 1369
co-ordinating treatment, *Dec.*, 1377
early treatment, *Dec.*, 1374
Vein, thyroid, middle, in subtotal thyroidectomy, *Dec.*, 1335

Veins, varicose. See *Varicose veins.*
Vermiform appendix, ruptured, acute intestinal obstruction associated with, *April*, 487
Vertebra, presacral, last defects of, low back pain from, *Dec.*, 1483
Vertebral arch, fragmentation of, low back pain from, *Dec.*, 1483
split, low back pain from, *Dec.*, 1483
Vertigo due to middle nasal turbinal abnormality, *Oct.*, 1288
Vesical tenesmus, *April*, 294
Vicious circle of colon from ileosigmoidostomy, *April*, 439
Vomiting in acute pancreatitis, *June*, 749
Vulvitis in child, acute peritonitis following, *Oct.*, 1197

WEAK back, *Dec.*, 1481
Webster-Baldy operation for retroversion, fibromyomatous uterus following, *Feb.*, 207
intestinal obstruction following, *Feb.*, 203
Whitman's reconstruction operation for fracture of neck of femur, *Feb.*, 26, 35
Winslow's foramen, hernia through, *Oct.*, 1013
Wounds in compound fractures, primary closure of, *Oct.*, 1073
infection of, after colon operations, *Aug.*, 878
after gynecologic operations, *Oct.*, 1101
knife, interlobar empyema from, *April*, 435
of dural sinuses, diagnosis, *April*, 404
symptoms, *April*, 401
treatment, *April*, 404
of superior longitudinal sinus, *April*, 395
Wrist, radial deflection deformity due to non-union following osteomyelitis, *Feb.*, 41
rupture of triangular fibrocartilage, repair of, *Aug.*, 931

X-RAY and sigmoidoscopy, relative value of, in diagnosis of terminal bowel pathology, *June*, 673
examination in substernal goiter, *Dec.*, 1314